



NATIONAL
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USDA, NASS, Kentucky Field Office
PO Box 1120
Louisville, Kentucky 40201-1120
(502) 582-5293 or 1-800-928-5277

KENTUCKY WEEKLY CROP & WEATHER REPORT



In Cooperation with:
Univ. of Ky - Agr'l Weather Center
U.S. Dept. of Commerce - NOAA
Kentucky Department of Agriculture
Cooperative Extension Service

LELAND E. BROWN, Director

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AGRICULTURAL NEWS: Kentucky received varying amounts of rain this past week, which improved crop prospects. However, there are some areas of the State that are dry and could use some more rain for good crop development. Farmers in general commented that the row crops, apples and peaches were looking good throughout the State. **Topsoil moisture** was rated as 6 percent very short, 26 percent short, 63 percent adequate, and 5 percent surplus. **Subsoil moisture** was rated 9 percent very short, 24 percent short, 62 percent adequate, and 5 percent surplus. There were 4.8 days suitable for fieldwork. Farmers were busy with mowing pastures, cutting hay, baling straw, and other odd jobs around the farm that needed to be done.

TOBACCO: As of Sunday, July 13, the tobacco crop condition was reported as 3 percent poor, 23 percent fair, 53 percent good, and 21 percent excellent. About 37 percent of tobacco plants were under 24 inches high, with 41 percent between 24-36 inches in height, and 22 percent were over 36 inches. Farmers were spraying and starting to top their tobacco this past week. The tobacco crop looks good overall with only a few reports of worms in the tobacco.

CORN: The corn condition improved with 1 percent rated very poor, 2 percent poor, 14 percent fair, 48 percent good, and 35 percent excellent. Forty-four percent of the corn has silked or was silking as of Sunday, July 13, well behind both last year's 77 percent and the five-year average of 72 percent. Six percent of the corn was in milk stage or beyond, compared to 28 percent last year and the five-year average of 27 percent. One percent of the corn was in dough stage or beyond, compared to the five-year average of 4 percent. There were minimal reports of disease in the corn.

SOYBEANS: Farmers are winding down their planting of double crop soybeans, and with the

recent rains they are germinating well. As of Sunday, July 13, ninety-seven percent of the planted soybeans had emerged, which was behind both last year and the five-year average. Fifteen percent of the soybeans were blooming, significantly behind last year's 39 percent and the five-year average of 33 percent. Soybean condition improved with 1 percent rated very poor, 7 percent poor, 23 percent fair, 46 percent good, and 23 percent excellent.

OTHER CROPS AND PASTURE: Throughout Kentucky pastures and the hay crop continue to look good. Pasture condition was rated 3 percent very poor, 8 percent poor, 35 percent fair, 43 percent good, and 11 percent excellent. Hay in the field was rated as 3 percent very poor, 6 percent poor, 30 percent fair, 50 percent good, and 11 percent excellent.

CROP PROGRESS for week ending 07/13/08

Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
Percent				
Corn Silking	44	16	77	72
Corn Milked	6	NA	28	27
Corn Dough	1	NA	0	4
Soybeans Emerged	97	94	100	100
Soybeans Blooming	15	8	39	33

SOIL MOISTURE for week ending 07/13/08

	Very Short	Short	Adequate	Surplus
Percent				
Topsoil	6	26	63	5
Subsoil	9	24	62	5

CROP CONDITIONS for week ending 07/13/08

Crop	Very Poor	Poor	Fair	Good	Ex
Percent					
Corn	1	2	14	48	35
Soybeans	1	7	23	46	23
Pasture	3	8	35	43	11
Hay Crops	3	6	30	50	11
Tobacco	0	3	23	53	21

KENTUCKY WEATHER SUMMARY, JULY 7 - 13, 2008:

Normal temperatures and above normal rainfall:

Moisture-rich weather systems tracking across the Ohio Valley last week provided the Commonwealth with a relatively wet second week of July, especially western portions of the state. Drought conditions continue to be avoided for the majority of the Bluegrass State as above normal rainfall was reported for the 2nd week out of the past 3. Summertime temperatures have yet to be excessively hot as normal or below normal temperatures were reported for the 4th straight week.

Temperatures for the period averaged 76 degrees across the state which was 0 degree from normal. High temperatures averaged from 89 in the West to 85 in the East. Departure from normal high temperatures ranged from 1 degree below normal in the West to 1 degree below normal in the East. Low temperatures averaged from 70 degrees in the West to 66 degrees in the East. Departure from normal low temperature ranged from 3 degrees above normal in the West to 1 degree above normal in the East.

Rainfall for the period totaled 1.51 inches statewide which was 0.67 inches from normal. Rainfall totals by climate division, West 2.21 inches, Central 1.81 inches, Bluegrass 0.95 inches and East 1.14 inches, which was respectively 1.53 inches above normal, 1.04 inches above normal, 0.03 inches below normal and 0.20 inches above normal. By station, rainfall totals ranged from a low of 0.42 inches at Spindletop to a high of 3.86 inches at Glasgow.

Tom Priddy

KENTUCKY TEMPERATURES AND RAINFALL

FOR WEEK ENDING SUNDAY, JULY 13, 7:00 P.M.

Weather Station	Rainfall			Deviation From		Air Temperature				Growing Degree Days		
	Last Week	Since April 1	Last Four Wks	Norm Since Apr. 1	Norm Last 4 Wks	High	Low	Wkly. Avg.	Dev. From Norm	Last Week	Since Apr. 1	Dev. Since Apr. 1
		(Inches)				(Degrees Fahrenheit)						
Bardstown	0.67	14.87	2.02	+0.76	-1.91	90	60	76.5	+0	177	1717	-20
Berea	0.50	14.26	2.20	-0.61	-1.63	90	63	75.2	-0	173	1724	-57
Bowling Green	1.80	14.94	3.07	-0.48	-1.00	95	65	79.6	+4	193	1902	+91
Bristol	1.94	8.82	3.26	-3.73	-0.32	91	62	75.3	-0	172	1694	+61
Buckhorn Lake	0.60	11.66	2.74	-2.38	-1.36	91	63	76.6	+1	180	1720	+160
Cape Girardeau	1.25	17.59	2.59	+3.02	-0.63	94	67	79.9	+2	195	1836	-62
Campbellsville	1.89	13.76	2.85	-2.58	-1.48	94	59	77.0	+1	179	1769	+18
Covington	1.59	16.35	3.25	+2.70	-0.45	89	57	75.5	+0	174	1580	-6
Cumberland Gap	1.70	11.49	3.75	-3.87	-0.59	91	63	76.9	+2	180	1735	+132
Dix Dam	0.64	14.09	1.97	-0.62	-1.94	90	61	75.8	+0	176	1670	-67
Evansville	1.82	19.64	3.55	+5.69	+0.11	93	65	78.3	+0	189	1778	-16
Glasgow	3.86	17.99	4.36	+1.55	-0.17	96	60	77.6	+2	180	1904	+183
Grayson	1.34	15.40	3.50	+1.63	-0.46	89	57	74.9	-0	171	1631	+132
Hardinsburg	3.13	21.12	5.14	+6.15	+1.24	91	65	77.6	+1	183	1793	-18
Henderson	1.47	17.09	2.79	+2.77	-0.82	93	65	78.5	+1	189	1788	-36
Huntington	0.56	15.60	3.40	+1.97	-0.52	89	57	74.8	-1	170	1638	+22
Jackson	2.87	15.06	6.46	+0.46	+2.35	87	59	74.0	-1	166	1668	+108
Lexington	0.63	14.94	2.48	+0.83	-1.45	90	58	75.6	+0	175	1641	+25
London	1.39	12.09	2.98	-1.71	-0.83	89	60	76.3	+1	179	1762	+159
Louisville	0.55	16.91	3.04	+2.71	-0.58	94	67	79.4	+3	192	1890	+96
Mayfield	0.92	10.12	1.29	-5.19	-2.28	91	63	77.0	-1	182	1735	-137
Nashville	2.74	17.87	4.10	+3.39	+0.65	95	69	80.7	+5	198	1984	+56
Nolin Lake	1.12	18.37	3.30	+2.32	-0.78	93	63	78.6	+3	190	1856	+192
Paducah	2.26	18.67	3.43	+2.91	-0.35	94	68	80.2	+2	195	1903	+18
Princeton	1.85	17.23	4.04	+1.82	+0.32	94	69	80.8	+3	194	1925	+71
Quicksand	2.87	13.51	5.45	-1.09	+1.34	91	63	76.6	+1	180	1722	+162
Somerset	1.35	15.37	3.76	-0.34	-0.41	90	58	76.0	+1	176	1657	-37
Spindletop	0.42	14.62	2.16	+0.51	-1.77	91	61	75.5	+0	172	1631	+15
Williamstown	0.82	19.48	3.14	+5.25	-0.64	89	60	75.5	+0	174	1594	-22

The above information is provided by Tom Priddy, Kentucky Extension Agricultural Meteorologist, University of Kentucky Agr'l Weather Center (859)257-3000 ext 245. E-mail: priddy@uky.edu Additional Ky weather data available on Internet at: <http://www.wagwx.ca.uky.edu/>